

## **ABSTRACT**

**A method for selectively obtaining carbon nanotubes having specific structures by selectively obtaining carbon nanotubes having structures different from the structures of the carbon nanotubes to be vanished by irradiating carbon nanotubes with a light beam of single wavelength so as to have carbon nanotubes in specific electron states in the excited states, and oxidizing and combusting the carbon nanotubes in the excited states by an oxygen or an oxidizing agent so as to vanish the same.**